



CITY OF KNOXVILLE

MADELINE ROGERO, MAYOR

Neighborhood Traffic Safety Program Public Meeting

Traffic Calming Toolbox



Neighborhood Traffic Safety Program - *Development Guidelines*



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1. Design a Comprehensive Program



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2. Utilize Inter-Departmental Resources



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2. Utilize Inter-Departmental Resources
3. Emphasize Citizen Participation and City-Neighborhood collaboration



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4. Operate a Transparent and Accessible Program



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5. Limit to Local Streets



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6. Clarify Program Limits

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8. Provide Substantive Response to Concerns



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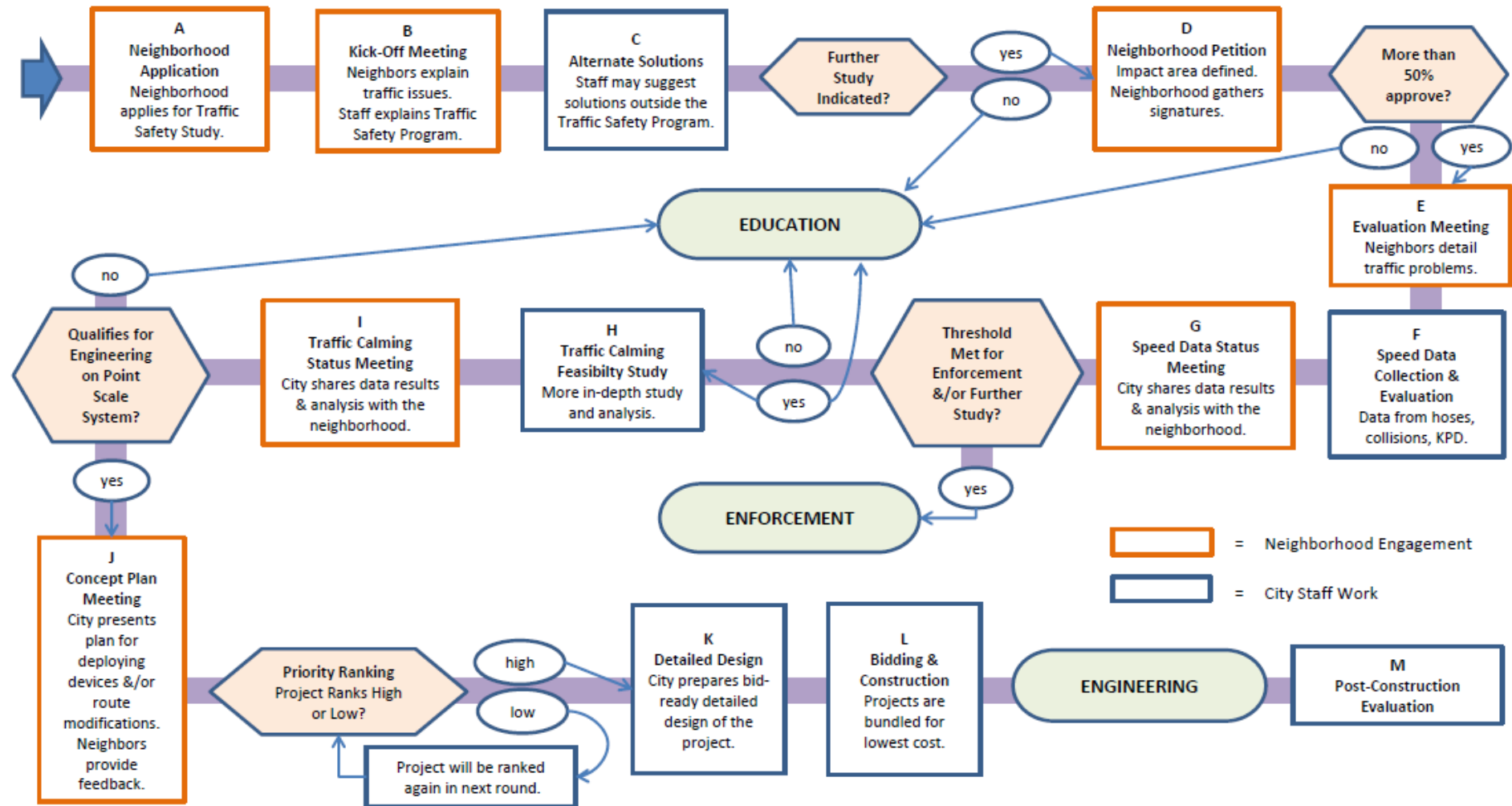
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8. Provide Substantive Response to Concerns
9. Optimize Staff Time and Neighborhood Time



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7. Rely on Established Engineering Practice
8. Provide Substantive Response to Concerns
9. Optimize Staff Time and Neighborhood Time
10. Take Responsibility for Public Safety

Appendix F — Flow Chart / Neighborhood Traffic Safety Program





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1. Vertical Deflections A. Speed Humps / Speed Cushions

- rounded raised areas of pavement typically 12 to 14 feet in length
- often placed in a series (typically spaced 300 to 600 feet apart)
- sometimes called road humps or undulations





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1. Vertical Deflections B. Speed Tables

- long raised speed humps with a flat section in the middle and ramps on the ends; sometimes constructed with brick or other textured materials on the flat section
- sometimes called flat top speed humps, trapezoidal humps, speed platforms, raised crosswalks, or raised crossings



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1. Vertical Deflections C. Raised Intersections

- flat raised areas covering entire intersections, with ramps on all approaches and often with brick or other textured materials on the flat section and ramps
- sometimes called raised junctions, intersection humps, or plateaus





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2. Horizontal Shifts

A. Neighborhood Traffic Circle

- raised islands, placed in intersections, around which traffic circulates
- motorists yield to motorists already in the intersection
- require drivers to slow to a speed that allows them to comfortably maneuver around them
- sometimes called intersection islands
- different from roundabouts





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2. Horizontal Shifts

B. Chicanes

- a series of narrowings or curb extensions that alternate from one side of the street to the other forming S-shaped curves
- also called deviations, serpentines, reversing curves, twists, and staggerings





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3. Road Narrowings

A. Choker

- curb extensions at midblock or intersection corners that narrow a street by extending the sidewalk or widening the planting strip
- can leave the cross section with two narrow lanes or with a single lane
- at midblock, sometimes called parallel chokers, angled chokers, twisted chokers, angle points, pinch points, or midblock narrowings



- at intersections, sometimes called neckdowns, bulbouts, knuckles, or corner bulges
- if marked as a crosswalk, they are also called safe crosses



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3. Road Narrowings B. Center Island Narrowing

- raised islands located along the centerline of a street that narrow the travel lanes at that location
- sometimes called midblock medians, median slow points, or median chokers



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4. Road Closures

- Closures are typically applied only after other measures have failed or been determined to be inappropriate.
- For all types of closures, provisions are available to make diverters passable for pedestrians and bicyclists.
- Often used in sets to make travel through neighborhoods more circuitous - typically staggered internally in a neighborhood, which leaves through movement possible but less attractive than alternative (external) routes.



- Closures have been used as a crime prevention tool.
- The different types of closures are: Diagonal diverters, Half closures, Full-street closures, Median barriers.

Questions?
Comments?
Ideas?
Suggestions?



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Citizen Feedback

Thursday, May 12 - Public Meeting #1 - 5:30 - 7:00 pm - O'Connor Senior Center

Monday, May 16 - Public Meeting #2 – 7:00 - 8:30 pm - West High School

Website: www.knoxvilletn.gov/trafficsafety

Hard Copies: 215-2113

Public Comment Period Ends May 31

What Happens Next

June – Incorporate suggestions where possible.

June – Release comments and final Program Guide.

July – Launch the program.



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